**AP Biology The Cell Cycle and Mitosis (Chapter 7 Outline)**

*Vocabulary*: Define in your own words

Cell cycle-

sister chromatids-

cytokinesis-

mitosis-

apoptosis-

haploid-

diploid-

histones-

centromere-

Cleavage furrow-

angiogenesis-

metastasis-

Briefly describe the following concepts:

What are the two type of genes that are usually affected in the body, leading to cancer?

What are five characteristics of cancer?

What are the stages of mitosis? Also, explain how cytokinesis relates to mitosis.

Summarize the cell cycle. Also, what are the three stages of Interphase, the longest part of the cell cycle? Briefly describe each stage of Interphase.

***ABOUT THE READING:***

*After reading about this topic I learned that…*

Write three things that you learned about the Cell Cycle and Mitosis*:*

*1.*

*2.*

*3.*